

Iowa Department of Natural Resources
Wastewater Section
Construction Permit Application
SCHEDULE J Septic Tank System

DATE PREPARED	PROJECT IDENTITY	DNR USE
DATE REVISED		PROJECT NO.
		PERMIT NO.

1. Design Basis: AWW

Flow, GPD _____

BOD₅, #/day _____

Type of wastes _____

2. Reasons for use of the system.

Is there an existing sewer system available? Yes ☐ No ☐

If no, when will one be available? _____

If yes, explain why connection to system is not made. _____

3. Septic Tank

Tank size _____ ft. x _____ ft. x _____ ft.

Effective volume _____ cu. ft. = _____ gal.

No. of tanks _____

Total volume _____ gal. Total retention time _____ hrs.

Material _____ Wall thickness _____ in.

4. Percolation Tests (Please provide map and data)

No. of test locations _____

Average percolation rate t = _____ min./in. 5/(square root of t) = _____

5. Absorption Field:

Minimum distance to:

a. Water supply well _____

b. Stream or watercourse _____

c. Property lines _____

d. High water table _____

Number of trenches _____ Distance between trenches _____

Trench width _____ ft. Length _____ ft. (each) Total area _____ ft²

AWW Flow _____ GPD ÷ Total area _____ ft² = _____ GPD/ft²

Distribution pipe material _____ Diameter _____ in.

Depth of:

a. Trench _____ ft.

b. Gravel _____ in.

c. Backfill (earth) _____ in.

Dosing tank provided? Yes ☐ No ☐

Distribution box provided? Yes ☐ No ☐

6. Is service bypass provided? _____ Discharge to _____